EFFECTIVE: 05/01/2012

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION

TABLE OF CONTENTS

STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE
203.00E	EXCAVATION AND EMBANKMENT - TYPICAL DETAILS	1	08/01/1998
203.02F	UNDERGRADING - TYPICAL DETAILS	2	01/01/2004
203.10D	TABULATED EARTHWORK AND SECTION DATA	1	02/01/2009
203.20F	SUPERELEVATION SPIRALS AND WIDENING (UNDIVIDED HIGHWAY)	5	04/01/2002
203.21J	SUPERELEVATION SPIRALS AND WIDENING (DIVIDED HIGHWAY)	5	04/01/2002
203.35A	MAILBOX TURNOUTS	1	08/01/1981
203.40G	TYPICAL DETAILS ON AND OFF RAMP	2	10/01/2007
203.41F	TYPICAL DETAILS ON AND OFF RAMPS (ROADWAY WITH 6:1 FORESLOPE)	2	01/01/1995
203.50M	TYPICAL MEDIAN OPENINGS (DIVIDED HIGHWAYS)	2	07/01/2004
203.61A	DRIVEWAY - TYPE I	1	07/01/2004
203.62C	DRIVEWAY - TYPE II	2	07/01/2004
203.63A	DRIVEWAY - TYPE III	2	01/01/1992
203.64C	DRIVEWAY - TYPE IV	2	07/01/2004
203.65A	DRIVEWAY - TYPE V	1	10/01/1998
204.00D	EMBANKMENT CONTROL - MEASURING DEVICES	1	04/01/1983
204.30	PORE PRESSURE MEASUREMENT DEVICES	1	03/01/1996
401.00A	TYPE A2 AND A3 SHOULDERS	2	04/01/2009
413.20	SCRUB SEAL BROOM CONFIGURATION	1	07/01/2004
502.05M	CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 15 FT. JOINT SPACING *	4	06/01/2010
502.10K	DOWEL SUPPORTING UNITS *	2	06/01/2010
504.00H	CONCRETE APPROACH PAVEMENT	3	08/01/2007
602.00D	RIGHT-OF-WAY AND DRAIN MARKERS	2	01/01/2003
604.05D	PIPE CULVERT HEADWALLS - TYPE S	2	08/01/2006
604.10E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 18" CONCRETE PIPE	1	07/01/2001
604.11E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 24" CONCRETE PIPE	1	07/01/2001
604.12E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 30" CONCRETE PIPE	1	07/01/2001
604.13E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 36" CONCRETE PIPE	1	07/01/2001
604.14E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 42" CONCRETE PIPE	1	07/01/2001
604.15E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 48" CONCRETE PIPE	1	07/01/2001
604.29C	DROP INLET - TYPE X	2	04/01/1983
604.30F	CONCRETE MANHOLES	2	04/01/1983
604.40F	PIPE COLLARS	2	10/01/2000
604.70	SLOTTED DRAIN	2	03/01/1994
605.10H	PAVEMENT UNDERDRAINAGE	3	12/01/2007
606.00AU	GUARDRAIL *	17	02/01/2012
606.01E	BULLNOSE GUARDRAIL SYSTEM	7	10/01/2003
606.22S	BRIDGE ANCHOR SECTION - SAFETY BARRIER CURB ON BRIDGE	5	08/01/2007
606.23H	BRIDGE ANCHOR SECTION (THRIE BEAM RAIL ON BRIDGE)	5	04/01/2005
606.30E	TERMINAL SECTION	1	06/01/2006
606.40D	ONE-STRAND ACCESS RESTRAINT CABLE	2	07/01/2004
606.41J	THREE-STRAND GUARD CABLE	7	01/01/2005
607.10V	CHAIN-LINK FENCE	1	02/01/2007
607.11H	CHAIN-LINK FENCE FOR RETAINING WALLS	1	06/01/2009
607.20F	WOVEN WIRE FENCE	2	10/01/1998

STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE
608.00H	PAVED APPROACHES	2	10/01/2009
608.10N	CONCRETE SIDEWALK AND CURB RAMPS *	4	10/01/2009
608.20D	CONCRETE STAIRS	2	10/01/1992
608.30A	CONCRETE MEDIAN STRIP *	1	02/01/2011
609.00P	CONCRETE CURB, CURB AND GUTTER AND GUTTER *	2	08/01/2008
609.15C	PAVED DITCHES	1	03/01/1993
609.40P	DRAIN BASIN, SHOULDER PAVING AND FILL SLOPES AT BRIDGE ENDS	2	02/01/2009
609.60C	ROCK DITCH LINER	1	03/01/1993
609.70C	ROCK LINING FOR CULVERT OUTLET	1	10/01/1981
611.60Q	CONCRETE SLOPE PROTECTION	1	01/01/2005
612.20D	SAND FILLED IMPACT ATTENUATORS	1	08/01/2008
613.00P	PAVEMENT REPAIR *	3	06/01/2010
614.10T	GRATES AND BEARING PLATES	1	12/01/2005
614.11C	CURVED VANE GRATE AND FRAME *	1	06/01/2010
614.30E	MANHOLE FRAMES AND COVERS	2	07/01/1996
616.10AP	TEMPORARY TRAFFIC CONTROL DEVICES *	8	05/01/2012
617.10G	PERMANENT CONCRETE TRAFFIC BARRIER *	7	02/01/2012
617.20C	TEMPORARY CONCRETE TRAFFIC BARRIER	6	06/01/2008
619.10G	PAVEMENT EDGE TREATMENT *	1	05/01/2012
620.00J	PAVEMENT MARKING *	5	12/01/2009
620.10C	TEMPORARY PAVEMENT MARKING *	4	07/01/2011
620.20	SNOWPLOWABLE RAISED PAVEMENT MARKERS	4	01/01/2003
625.00	HOLE PATTERN FOR PAVEMENT SLAB STABILIZATION	1	10/01/1998
626.00H	RUMBLE STRIPS	2	04/01/2009
702.02F	CAST-IN-PLACE CONCRETE PILES (APPROVED TYPES)	1	07/01/2004

* REVISED OR ADDED SINCE OCTOBER 2009

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

EFFECTIVE: 05/01/2012

MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION

TABLE OF CONTENTS

STANDARD NO.	DRAWING TITLE		NO. OF SHEETS	EFFECTIVE DATE
703.10H	CONCRETE SINGLE BOX STRUCTURE - STRAIGHT WINGS (SQUARE)	*	3	04/01/2011
703.11H	CONCRETE SINGLE BOX STRUCTURE - FLARED WINGS (SQUARE)	*	3	04/01/2011
703.12H	CONCRETE SINGLE BOX STRUCTURE - STRAIGHT WINGS (LEFT ADVANCE)	*	3	04/01/2011
703.13H	CONCRETE SINGLE BOX STRUCTURE - FLARED WINGS (LEFT ADVANCE)	*	3	04/01/2011
703.14H	CONCRETE SINGLE BOX STRUCTURE - STRAIGHT WINGS (RIGHT ADVANCE)	*	3	04/01/2011
703.15D	CONCRETE SINGLE BOX STRUCTURE - FLARED WINGS (RIGHT ADVANCE)	*	3	04/01/2011
703.16	CONCRETE SINGLE BOX STRUCTURE - CUT SECTION	*	1	04/01/2011
703.17	CONCRETE SINGLE BOX STRUCTURE - MEMBER SIZES AND REINFORCEMENT	*	14	04/01/2011
703.37C	CONCRETE BOX STRUCTURE - EXTERIOR WING REINFORCEMENT	*	2	04/01/2011
703.38A	CONCRETE BOX STRUCTURE - CUTTING DETAILS		2	10/01/2009
703.40H	CONCRETE DOUBLE BOX STRUCTURE - STRAIGHT WINGS (SQUARE)	*	3	10/01/2011
703.41H	CONCRETE DOUBLE BOX STRUCTURE - FLARED WINGS (SQUARE)	*	3	10/01/2011
703.42H	CONCRETE DOUBLE BOX STRUCTURE - STRAIGHT WINGS (LEFT ADVANCE)	*	3	10/01/2011
703.43H	CONCRETE DOUBLE BOX STRUCTURE - FLARED WINGS (LEFT ADVANCE)	*	3	10/01/2011
703.44H	CONCRETE DOUBLE BOX STRUCTURE - STRAIGHT WINGS (RIGHT ADVANCE)	*	3	10/01/2011
703.45C	CONCRETE DOUBLE BOX STRUCTURE - FLARED WINGS (RIGHT ADVANCE)	*	3	10/01/2011
703.46	CONCRETE BOX STRUCTURE - CUT SECTION	*	1	10/01/2011
703.47	CONCRETE BOX STRUCTURE - MEMBER SIZES AND REINFORCEMENT	*	27	10/01/2011
703.60E	CONCRETE BOX STRUCTURE - PIPE INLET		1	07/01/2001
703.80H	CONCRETE TRIPLE BOX CULVERT - STRAIGHT WINGS (SQUARE)	*	3	12/01/2011
703.81H	CONCRETE TRIPLE BOX CULVERT - FLARED WINGS (SQUARE)	*	3	12/01/2011
703.82H	CONCRETE TRIPLE BOX CULVERT - STRAIGHT WINGS (LEFT ADVANCE)	*	3	12/01/2011
703.83H	CONCRETE TRIPLE BOX CULVERT - FLARED WINGS (LEFT ADVANCE)	*	3	12/01/2011
703.84H	CONCRETE TRIPLE BOX CULVERT - STRAIGHT WINGS (RIGHT ADVANCE)	*	3	12/01/2011
703.85H	CONCRETE TRIPLE BOX CULVERT - FLARED WINGS (RIGHT ADVANCE)	*	3	12/01/2011
703.86H	CONCRETE TRIPLE BOX CULVERT - CUT SECTIONS	*	1	12/01/2011
703.87H	CONCRETE TRIPLE BOX CULVERT - MEMBER SIZES AND REINFORCEMENT	*	27	12/01/2011
706.35H	BAR SUPPORTS FOR CONCRETE REINFORCEMENT		1	07/01/2004
712.40J	STEEL DAMS AT EXPANSION DEVICES		1	07/01/2004
725.00C	CORRUGATED METAL PIPE INSTALLATION METHODS	*	5	04/01/2011
725.31C	METAL CURTAIN WALL AND METAL INLETS		1	07/01/2004
726.30H	RIGID CULVERT INSTALLATION METHODS	*	2	02/01/2012
730.00D	CORRUGATED POLYETHYLENE AND POLYVINYL CHLORIDE PIPE INSTALLATION METHODS	*	1	04/01/2011
731.00T	PRECAST MANHOLES		2	10/01/1998
731.10R	PRECAST DROP INLET		8	12/01/2005
732.00P	FLARED END SECTION		2	02/01/2009
732.05C	BEVELED PIPE END TREATMENT		2	07/01/2004
732.10G	SAFETY SLOPE END SECTION		3	08/01/2009
806.10H	TEMPORARY EROSION CONTROL MEASURES		7	04/01/2009
808.00	TYPICAL PLANTING ILLUSTRATIONS		3	07/01/2004
901.00Z	HIGHWAY LIGHTING - POLES, FOUNDATIONS & APPURTENANCES FOR 30' M.H.	*	4	02/01/2011
901.01AG	HIGHWAY LIGHTING - POLES, FOUNDATIONS & APPURTENANCES FOR 45' M.H.	*	6	02/01/2011
901.02B	HIGHWAY LIGHTING - CABLE, CONDUIT AND TRENCHING		1	04/01/2002
901.30F	HIGHWAY LIGHTING - BASE MOUNTED CONTROL STATION		2	04/01/2005

STANDARD NO.	DRAWING TITLE		NO. OF SHEETS	EFFECTIVE DATE
901.80D	HIGHWAY LIGHTING - POWER SUPPLY ASSEMBLY - SECONDARY SERVICE		2	04/01/2002
901.85A	HIGHWAY LIGHTING SYMBOLS		1	01/01/2003
902.00M	TRAFFIC SIGNALS - SIGNAL HEADS MOUNTING - LOUVERS		2	04/01/2008
902.10Q	TRAFFIC SIGNALS - CONTROLLERS CONDUIT LOCATION		1	04/01/2005
902.15K	TRAFFIC SIGNALS - POWER SUPPLY ASSEMBLY		3	07/01/2004
902.20G	TRAFFIC SIGNALS - CONCRETE PULL BOXES	*	3	11/01/2010
902.21C	TRAFFIC SIGNALS - TELEPHONE INTERCONNECT		1	03/01/1996
902.30P	TRAFFIC SIGNALS - POST BASES	*	2	02/01/2008
902.40Q	TRAFFIC SIGNALS - TUBULAR STEEL POSTS		3	02/01/2008
902.50L	TRAFFIC SIGNALS - INDUCTION LOOP DETECTORS		2	06/01/2009
902.70P	TRAFFIC SIGNALS - RIGID SPAN WIRE DETAILS		2	02/01/2008
902.80J	TRAFFIC SIGNALS - RIDID SPAN WIRE DETAILS SYMBOLS		1	02/01/2009
903.01H	SPECIAL SIGNING CHARACTERS		1	07/01/2004
903.02AL	HIGHWAY SIGNING STRUCTURE SIGNS	*	19	02/01/2012
903.03BH	SIGN MOUNTING DETAILS	*	11	02/01/2012
903.04F	HIGHWAY SIGNING - WEIGH STATION	*	1	02/01/2012
903.05H	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE S, ONE TUBE		2	04/01/2005
903.06H	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE S, TWO TUBE		2	04/01/2005
903.07H	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE C		2	04/01/2005
903.08G	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE B		2	04/01/2005
903.10BB	OVERHEAD SIGN TRUSSES - ALUMINUM	*	6	10/01/2011
903.12Y	OVERHEAD SIGN TRUSSES-BUTTERFLY AND CANTILEVER-STRUCTURAL STEEL		7	12/01/2008
903.60AA	OVERHEAD SIGN TRUSSES-STRUCTURAL STEEL	*	5	10/01/2011

* REVISED OR ADDED SINCE OCTOBER 2009